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Kathryn Marley

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Inventor:

**C. Brent Dane et al.**Application No.: **10/766,635**Confirmation No. **3746**Filed: **28 January 2004**

Title: **Stimulated Brillouin Scattering Mirror System,  
High Power Laser and Laser Peening Method  
and System Using Same**

Group Art Unit: **2828**Examiner: **Minsun Oh Harvey****Customer No. 22470**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement is a Form PTO-SB/08. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98. The exception to this, in accordance with the 05 August 2003 Official Gazette Notice in which the USPTO waives the requirement for submitting copies of U.S. Patent and Publications for cases filed after 30 June 2003, is that copies of U.S. Patent documents and copies of U.S. Patent publications are not being submitted.

If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in 1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. 1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP 609A(3).

This statement should be considered under 37 C.F.R. 1.97(b) because it is being filed before the mailing date of the first Office Action on the merits.

***Fee Authorization.*** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (MICI 1002-3). A copy of this authorization is enclosed.

Respectfully submitted,

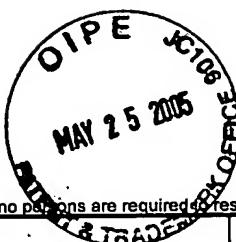
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Date: 20 May 2005

By:   
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1

of

3

## Complete if Known

Application Number	10/766,635
Filing Date	28 January 2004
First Named Inventor	C. Brent Dane
Art Unit	2828
Examiner Name	Minsun Oh Harvey
Attorney Docket Number	MICI 1002-3

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,724,930	04-03-1973	Farmer	
		US- 4,174,154	11-13-1979	Kawasaki	
		US- 4,191,928	03-04-1980	Emmett	
		US- 4,539,462	09-03-1985	Plankenhorn	
		US- 4,623,229	11-18-1986	Galan	
		US- 4,698,479	10-06-1987	Rando et al.	
		US- 4,794,222	12-27-1988	Funayama et al.	
		US- 5,118,918	06-02-1992	Serrano	
		US- 5,132,887	07-21-0992	Torii et al.	
		US- 5,142,118	08-25-1992	Schlatter	
		US- 5,332,881	07-26-1994	Topkaya et al.	
		US- 5,449,879	09-12-1995	Lawson et al.	
		US- 5,670,069	09-23-1997	Nakai et al.	
		US- 4,401,477	08-30-1983	Clauer et al.	
		US- 5,986,234	11-16-1999	Matthews et al.	
		US- 5,986,236	11-16-1999	Gainand et al.	
		US- 6,127,649	10-03-2000	Toller et al.	
		US- 4,937,421	06-26-1990	Ortiz, Jr., et al.	
		US- 6,215,097	04-10-2001	Mannava	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> "Number" "Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
	JP	7246483	09-26-1995	Toshiba Corp	Abstract	

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Examiner Name	Minsun Oh Harvey

Attorney Docket Number MICI 1002-3

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,259,055	07-10-2001	Sokol et al.	
		US- 6,384,371	05-07-2002	Hinei et al.	
		US- 6,462,301	10-08-2002	Scott et al.	
		US- 6,528,763	03-04-2003	Lahram et al.	
		US- 6,747,241	06-08-2004	Shikoda et al.	
		US- 2003/0217997	11-27-2003	Clauer et al.	
		US- 2002/0096503	07-25-2002	Hackel et al.	
		US- 5,075,893	12-24-1991	Epstein et al.	
		US- 5,127,019	06-30-1992	Epstein et al.	
		US- 5,131,957	07-21-1992	Epstein et al.	
		US- 5,525,429	06-11-1996	Mannava et al.	
		US- 5,569,018	10-29-1996	Mannava et al.	
		US- 5,571,575	11-05-1996	Takayanagi	
		US- 5,674,328	10-07-1997	Mannava et al.	
		US- 5,674,329	10-07-1997	Mannava et al.	
		US- 5,741,559	04-21-1998	Dulaney	
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

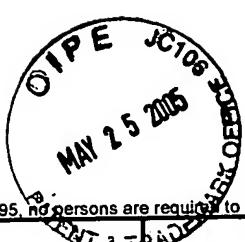
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> "Number" "Kind Code <sup>4</sup> (if known)				

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		AUERBACH, J.M., et al., "Diode-pumped monolithic Nd:YLF 1.053 :m mini-laser and its application to injection seeding," Solid State Lasers SPIE 1223 (1990) 133-141.	
		HANNA, D.C., et al., "Single longitudinal mode selection of high power actively Q-switched lasers," Opto-Electronics 4 (1972), 249-256.	
		PARK, Y.K., et al., "Electronic Linewidth Narrowing Method for Single Axial Mode Operation of Q-Switched Nd:YAG Lasers," Optics Communications 37(6) (15 June 1981), 411-416.	
		PARK, Y.K., et al., "Single Axial Mode Operation of a Q-Switched Nd:YAG Oscillator by Injection Seeding," IEEE Journal of Quantum Electronics 20(2) (February 1984), 117-125.	

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